AMENDMENTS IN THE CLAIMS

1. (Presently amended)   A computer-implemented method for providing summary information about a hierarchically divided document structure, comprising:

providing a multiple level arrangement of documents with a first level document representing a task of a project and a second level of documents representing subtasks of the tasks, such that the documents are arranged in a hierarchical manner, and wherein said project may comprise multiple tasks;

adding a summary information field to each document ~~within said hierarchical divided document that comprises~~ with relevant summary information for that document, said summary information including information about a percentage completion of a particular task/subtask represented by the particular document; and

~~responsive to~~ when a saving save operation is performed on ~~of~~ one of ~~said each~~ the second level documents, dynamically updating the summary information ~~within a summary information~~ field of ~~a higher~~ the first level document, ~~wherein~~ to include relevant ~~said~~ summary information ~~includes information~~ from said one second level ~~saved~~ document that is saved.

2. (Unchanged) The method of Claim 1, further comprising determining whether said saved document has updated a value within its summary information field prior to completing said dynamically updating step.

3. (Presently amended) The method of Claim 1, further comprising:

monitoring which documents among all opened documents within ~~said~~ the hierarchically ~~divided document~~ structure contain[[s]] said summary information field, wherein ~~; and~~

~~restricting~~ said determining process is restricted to only those documents that contain a summary information field.

4. (Presently Amended) The method of Claim [[3]]1, ~~wherein said hierarchical divided document structure contains a task document of a project having a plurality of subtasks each represented by an individual subordinate document, said method~~ further comprising:

assigning to each task and subtask within the project a individual point total representing a completion point for the specific task and/or subtask;

encoding said point total within the summary information filed of the document representing the specific task and subtask;

enabling updates of a completed point total within the summary information field for each representative document of each task and subtask of the project;

automatically determining a point total and completed point total for all tasks and subtasks affiliated with said project; and

dynamically calculating a current completion percentage complete of said task utilizing a sum of the completed point total for subtasks associated with the particular task and dynamically calculating a current completion percentage of said project utilizing said point total for the project and a sum of and said completed point total for each task within the project.

5. (Presently Amended) The method of Claim 4, further comprising dynamically outputting said current completion percentage complete by displaying the completion percentage of a task at a particular level when the representative document within that level is selected, wherein when the highest level document is selected, representing the entire project, the completion percentage of the project is displayed.

6. (Presently Amended) The method of Claim [[5]] 4, wherein said project is subdivided into subproject levels having associated tasks and said dynamically calculating step includes calculating said percentage complete at each of said subproject levels.

7. (Unchanged) The method of Claim 6, wherein said project and said subprojects are represented by project documents linked via a computer application, wherein said outputting step includes outputting said completed percentage in a summary display of said project.

8. (Unchanged) The method of Claim 7, wherein said computer application is a Lotus Notes Project Tracking application and said calculating step includes programming a LotusScript Agent to update a point total in each document within a document hierarchy of said project and subprojects to reflect said percentage complete.

9. (Presently Amended) The method of Claim 8, wherein said determining step includes prompting a user of said document for an input of said completed point total <u>prior to saving said</u> <u>document</u>.

10. (Unchanged) The method of Claim 1, wherein said dynamically updating summary information comprises:

 querying at least one lower level document; and

 calculating an updated summary information value at said higher level document.

11. (Unchanged) The method of Claim 1 wherein said dynamically updating summary information comprises:

 transmitting a changed summary information value to a higher level document; and

 calculating an updated summary information value at said higher level document.

12. (Presently Amended) A computer-implemented system for providing summary information about a hierarchically divided document, comprising:

 means for <u>providing a multiple level arrangement of documents with a first level</u> <u>document representing a task of a project and a second level of documents representing subtasks</u> <u>of the tasks, such that the documents are arranged in a hierarchical manner, and wherein said</u> <u>project may comprise multiple tasks</u>;

 means for adding a summary information field to each document ~~within said hierarchical~~ ~~divided document that~~ comprises <u>with</u> relevant summary information <u>for that document, said</u> <u>summary information including information about a percentage completion of a particular</u> <u>task/subtask represented by the particular document</u>; and

 means, ~~responsive to~~ <u>when</u> a ~~saving~~ <u>save</u> operation <u>is performed on</u> ~~of~~ one of ~~said each~~ <u>the second level</u> documents, for dynamically updating <u>the</u> summary information ~~within a~~ ~~summary information~~ field of ~~a higher~~ <u>the first</u> level document~~, wherein~~ <u>to include relevant</u> ~~said~~ summary information ~~includes information~~ from said <u>one second level</u> ~~saved~~ document <u>that is</u> <u>saved</u>.

13. (Unchanged) The system of Claim 12, further comprising means for determining whether said saved document has updated a value within its summary information field prior to completing said dynamically updating step.

14. (Presently amended) The system of Claim [[13]] 12, further comprising:

means for monitoring which documents among all opened documents within said the hierarchically divided document structure contain[[s]] said summary information field, wherein ; and

means for restricting said determining process is restricted to only those documents that contain a summary information field.

15. (Presently amended) The system of Claim [[14]] 12, wherein said hierarchical divided document is a task document of a project having a plurality of subtasks each represented by an individual subordinate document, said method further comprising:

means for assigning to each task and subtask within the project a individual point total representing a completion point for the specific task and/or subtask;

means for encoding said point total within the summary information filed of the document representing the specific task and subtask;

means for enabling updates of a completed point total within the summary information field for each representative document of each task and subtask of the project;

means for automatically determining a point total and completed point total for all tasks and subtasks affiliated with said project; and

means for dynamically calculating a current completion percentage complete of said task utilizing a sum of the completed point total for subtasks associated with the particular task and dynamically calculating a current completion percentage of said project utilizing said point total for the project and a sum of and said completed point total for each task within the project.

16. (Presently amended) The system of Claim 15, further comprising means for dynamically outputting said current completion percentage complete by displaying the completion percentage of a task at a particular level when the representative document within that level is selected,

wherein when the highest level document is selected, representing the entire project, the completion percentage of the project is displayed.

17. (Presently amended) The system of Claim 16, wherein said computer application is a Lotus Notes Project Tracking application and said calculating step means includes means for updating a point total in each document within a document hierarchy of said project and subprojects to reflect said percentage complete utilizing a LotusScript Agent.

18. (Presently amended) The system of Claim 17, wherein said determining step includes prompting a user of said task document for an input of said completed point total prior to saving the document.

19. (Presently amended) A computer program product comprising:
a computer readable medium; and
program code on said computer readable medium for providing summary information about a hierarchically divided document, said program code including program code for:
providing a multiple level arrangement of documents with a first level document representing a task of a project and a second level of documents representing subtasks of the tasks, such that the documents are arranged in a hierarchical manner, and wherein said project may comprise multiple tasks;
adding a summary information field to each document within said hierarchical divided document that comprises with relevant summary information for that document, said summary information including information about a percentage completion of a particular task/subtask represented by the particular document; and
responsive to when a saving save operation is performed on of one of said each the second level documents, dynamically updating the summary information within a summary information field of a higher the first level document, wherein to include relevant said summary information includes information from said one second level saved document that is saved.

20. (Unchanged) The computer program product of Claim 19, further comprising program code for determining whether said saved document has updated a value within its summary information field prior to completing said dynamically updating step.

21. (Presently amended) The computer program product of Claim [[20]] 19, further comprising program code for:

monitoring which documents among all opened documents within said the hierarchically divided document structure contain[[s]] said summary information field, wherein ; and

restricting said determining process is restricted to only those documents that contain a summary information field.

22. (Presently amended) The computer program product of Claim 14 19, wherein said hierarchical divided document is a task document of a project having a plurality of subtasks each represented by an individual subordinate document, said program code further comprising program code for:

assigning to each task and subtask within the project a individual point total representing a completion point for the specific task and/or subtask;

encoding said point total within the summary information filed of the document representing the specific task and subtask;

enabling updates of a completed point total within the summary information field for each representative document of each task and subtask of the project;

automatically determining a point total and completed point total for all tasks and subtasks affiliated with said project; and

dynamically calculating a current completion percentage complete of said task utilizing a sum of the completed point total for subtasks associated with the particular task and dynamically calculating a current completion percentage of said project utilizing said point total for the project and a sum of and said completed point total for each task within the project.

23. (Unchanged) The computer program product of Claim 22, further comprising program code for dynamically outputting said percentage complete.

24. (Unchanged) The computer program product of Claim 23, wherein said computer application is a Lotus Notes Project Tracking application and said calculating program code includes code for updating a point total in each document within a document hierarchy of said project and subprojects to reflect said percentage complete utilizing a LotusScript Agent.

25. (Unchanged) The computer program code of Claim 24, wherein said determining program code includes code for prompting a user of said task document for an input of said completed point total.